

What is Claims:

1. A pressure-sensitive adhesive sheet for a tire comprising a substrate and an adhesive layer, wherein the adhesive layer includes a hot melt-type adhesive composition and satisfies the adhesive characteristics (A) and (B), where

(A) loop tack adhesion at 5°C is 14N/25mm or more, and

(B) loop tack adhesion at 40°C is 5N/25mm or more.

2. The pressure-sensitive adhesive sheet for a tire according to claim 1, wherein a holding power of the hot melt-type adhesive composition is in a range of 1,500 to 12,000 seconds as measured in accordance with JIS K 2207 standard.

3. The pressure-sensitive adhesive sheet for a tire according to claim 1 or 2, wherein the hot melt-type adhesive composition has

(C) 15 to 40% by weight of an ABA-type block copolymer,

(D) 30 to 70% by weight of two or more types of a tackifier having different softening points, and

(E) 10 to 40% by weight of plasticizer,

as main components, with at least one out of the (D) two or more types of a tackifier having different softening points being a tackifier with a softening point of 60 to 100°C as measured in accordance with JIS K 2207 standard.

4. The pressure-sensitive adhesive sheet for a tire according to anyone of claims 1 to 3, wherein the hot melt-type adhesive composition is a mixture of

styrene-isoprene-styrene copolymer (SIS) as an ABA-type block copolymer and styrene-isoprene copolymer (SI) as an AB-type block copolymer, and the additional amount of the AB-type block copolymer is at least 30% by weight with respect to the overall weight.

5. The pressure-sensitive adhesive sheet for a tire according to claim 4, wherein a content of polystyrene domain is 20% by weight or less with respect to 100% by weight of the ABA-type block copolymer.

6. The pressure-sensitive adhesive sheet for a tire according to anyone of claims 3 to 5, wherein the plasticizer is paraffin-base process oil.

7. The pressure-sensitive adhesive sheet for a tire according to anyone of claims 1 to 6, wherein a metal layer is provided between the substrate and the adhesive layer.

8. A method for manufacturing a pressure-sensitive adhesive sheet for a tire including a substrate and an adhesive layer, comprising a step of forming the adhesive layer by applying a hot melt-type adhesive composition that satisfies adhesive characteristics (A) and (B) on the substrate, where  
(A) loop tack adhesion at 5°C is 14N/25mm or more, and  
(B) loop tack adhesion at 40°C is 5N/25mm or more.